

Abstract

5 Polymeric compositions that include polyurethane polymers derived from a
polyisocyanate compound and a polyactive hydrogen compound. The polyurethane
compound is at least partially endcapped with a group including at least one
antimicrobial quaternary ammonium compound. The polymeric composition of the
present invention is capable of forming a self-supporting film. The polymeric
10 compositions are suitable for coating substrates to effectively kill or prevent the
growth of microorganisms such as bacteria, mold, mildew, algae fungi and the like.
The polymeric compositions are particularly useful for protecting construction
materials used in moist, outdoor environments to prevent discoloration or decay
from microorganisms and for surfaces in health care facilities to mitigate the spread
of pathogens.

00220-92092960